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(54) COMMUNICATION CONTROLLER

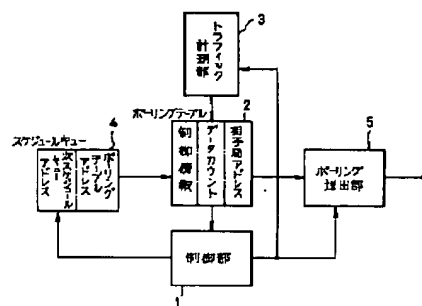
(57) Abstract:

PURPOSE: To prevent the deterioration in the performance of the entire communication controller by reducing the processing time up to communication to a specific secondary station.

CONSTITUTION: In the case of conducting re-constitution processing of a schedule queue 4, a control section 1 clears a polling control processing flag of schedule data registered in the schedule queue 4 to be '0' at first. The control section 1 references a data count of a polling control record of a polling table 2 storing measurements of a traffic measurement section 3 to rewrite a succeeding schedule queue address of the schedule queue 4 so that polling control records

are arranged in the descending order of traffic. When the succeeding schedule queue address is rewritten, the control section 1 clears a data count of the polling control record to '0' to make the re-constitution processing of the schedule queue 4 complete.

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